

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of) **MAIL STOP AMENDMENT**
Yoshihito Ohkawa)
Application No.: 10/587,713) Group Art Unit: 1796
Filed: April 19, 2007) Examiner: DORIS L LEE
For: FLAME-RETARDANT POLYAMIDE) Confirmation No.: 3547
COMPOSITION AND USE)
THEREOF)

DECLARATION UNDER 37 C.F.R. § 1.132

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, Masashi Seki, hereby declare and state that:

1. In March, 1991, I was graduated from Technology Department of Kanagawa University, and received a Bachelor's degree from the same university.

In March, 1993, I was graduated from Graduate School of Technology Department of Kanagawa University, and received a Master's degree of Engineering from the same university.

Since April, 1993, I have been an employee of Mitsui Chemicals, Inc., and till the present time, I have been engaged in the Material Laboratory.

2. I am familiar with the invention described in the specification of the above-identified application.

3. I have carried out the following Experiments in order to demonstrate the superior and unexpected results of the present invention.

Pellet-shaped compositions were obtained in the same manner as in Example 1, except that zinc borate and at least one other salt of zinc (C) were replaced with the salts of zinc as shown in Table A in a quantitative ratio as shown in Table A. The

results of evaluation on the respective properties of the obtained polyamide compositions are shown in Table A.

Table A

		Unit	Additional Comparative Example
Polyamide (A)		% by mass	42
Flame retardant (B)		% by mass	21
(C)	zinc phosphate	% by mass	2
	calcium zinc molybdate	% by mass	2
reinforcing mass material (D)		% by mass	30
Drip preventing agent (E)		% by mass	1
Flammability Evaluation	UL94		V-2
	Total of flammable combustion times	sec	30
Property	Bending test	mJ	38
	Reflow resistant temperature	°C	255
	Flow length	mm	69
Color stability			Δ
Amount of gas generated		ppm	<1

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 10. NOV. 2008

Masashi Seki
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